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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 1772 )  
Examiner: Michael C. Miggins )  
In re Application of: ) GEL FILLED TRAUMA MITIGATION  
JOEL L. SEREBOFF ) DEVICE AND COMPOSITION  
Serial No. 09/923,991 ) THEREFORE  
Filed: August 7, 2001 ) Attorney Docket No. 192390-00053

**AMENDMENT AND RESPONSE**

June 18, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 31, 2003, please amend the claims as follows:

**In the Claims:**

Please amend claims 12, 16, 18, 20 and 22 as follows:

12. (Once Amended) The trauma mitigation device of Claim 11, wherein said flexible material is formed having at least one accordion pleat along an edge of said enclosure, said pleat structured to accommodate percussive expansion along the plane of said enclosure.

16. (Once Amended) A trauma mitigation device comprising:  
an enclosure having a fluid impervious barrier;  
a crushable matrix disposed within said enclosure;  
a viscous fluid disposed within said enclosure;  
wherein said crushable matrix includes a plurality of hemispheres;  
said hemispheres disposed in pairs connected at the convexities; and